Eiji Nishibori

List of Publications by Year
in descending order

287 papers	13,663 citations	20759 60 h-index	24915 109 g-index
304 all docs	304 docs citations	304 times ranked	11898 citing authors

#	Article	IF	Citations
1	Upgrade and Achievements at the Powder Diffraction Beamline in SPring-8. Nihon Kessho Gakkaishi, 2022, 64, 17-25.	0.0	0
2	Xâ€ray Electron Density Study of the Chemical Bonding Origin of Glass Formation in Metalâ€“Organic Frameworks**. Angewandte Chemie - International Edition, 2022, , .	7.2	7
3	Structure Factors and Charge Density Description of Aluminum: A Quantum Crystallographic Study. Journal of Physical Chemistry A, 2022, 126, 2042-2049.	1.1	1
4	Complex Structural Disorder in a Polar Orthorhombic Perovskite Observed through the Maximum Entropy Method/Rietveld Technique. Chemistry of Materials, 2022, 34, 29-42.	3.2	1
5	Reversible and Stepwise Singleâ€Crystalâ€toâ€Singleâ€Crystal Transformation of a Platinum(II) Complex with Vapochromic Luminescence. Chemistry - A European Journal, 2022, 28, .	1.7	5
6	Delayed Onset and Directionality of X-Ray-Induced Atomic Displacements Observed on Subatomic Length Scales. Physical Review Letters, 2022, 128, .	2.9	9
7	Similarities and Differences between Crystal and Enzyme Environmental Effects on the Electron Density of Drug Molecules. Chemistry - A European Journal, 2021, 27, 3407-3419.	1.7	10
8	Synthesis of a chiral metallo-capsule composed of concave molecules and chirogenesis upon fullerene binding. Chemical Communications, 2021, 57, 8754-8757.	2.2	3
9	Atomic-Scale Visualization of Ultrafast Bond Breaking in X-Ray-Excited Diamond. Physical Review Letters, 2021, 126, 117403.	2.9	30
10	The advanced treatment of hydrogen bonding in quantum crystallography. Journal of Applied Crystallography, 2021, 54, 718-729.	1.9	11
11	Critical Length for Lattice Expansion of SnO₂ Nanorods and Nanosheets: Implications for Lithium-Ion Batteries. ACS Applied Nano Materials, 2021, 4, 9938-9944.	2.4	6
12	Single-Component Molecular Conductors â€” Multi-Orbital Correlated Ï€-d Electron Systems. Bulletin of the Chemical Society of Japan, 2021, 94, 2540-2562.	2.0	8
13	Crystalline boron monosulfide nanosheets with tunable bandgaps. Journal of Materials Chemistry A, 2021, 9, 24631-24640.	5.2	21
14	Direct observation of one-dimensional disordered diffusion channel in a chain-like thermoelectric with ultralow thermal conductivity. Nature Communications, 2021, 12, 6709.	5.8	21
15	Probing the validity of the spinel inversion model: a combined SPXRD, PDF, EXAFS and NMR study of ZnAl₂O₄. Dalton Transactions, 2020, 49, 13449-13461.	1.6	11
16	Selective Formation and SHG Intensity of Noncentrosymmetric and Centrosymmetric 1,1,2,2-Tetramethyl-1-(4-(N,N-dimethylamino)phenyl)-2-(2â€²-cyanophenyl)disilane Crystals under External Stimuli. Journal of Physical Chemistry C, 2020, 124, 17450-17458.	1.5	13
17	One-step vapour phase growth of two-dimensional formamidinium-based perovskite and its hot carrier dynamics. Physical Chemistry Chemical Physics, 2020, 22, 21512-21519.	1.3	4
18	Pressure-induced quenching of planar rattling in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cu</mml:mi><mml:mn>10</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>13</mml:mn></mml:msub></mml:mrow></mml:math> studied by specific heat and x-ray diffraction measurements. Physical Review B, 2020, 102, .	1.1	5

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19	Structural analysis of high-pressure phase for skyrmion-hosting multiferroic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cu</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2020, 102, .	1.7	0
20	Increased electrical conduction with high hole mobility in anti-ThCr2Si2-type La2O2Bi via oxygen intercalation adjacent to Bi square net. Applied Physics Letters, 2020, 116, 191901.	1.5	7
21	Thermosalience in Macrocycle-Based Soft Crystals via Anisotropic Deformation of Disilanyl Architecture. Journal of the American Chemical Society, 2020, 142, 12651-12657.	6.6	44
22	Hydrogen atoms in bridging positions from quantum crystallographic refinements: influence of hydrogen atom displacement parameters on geometry and electron density. CrystEngComm, 2020, 22, 4778-4789.	1.3	25
23	Ion Product Scale for Phase and Size Selective Crystal Growth of Zirconia Nanoparticles. Crystal Growth and Design, 2020, 20, 5589-5595.	1.4	9
24	Tetragonality induced superconductivity in anti-ThCr2Si2-type RE2O2Bi (RE = rare earth) with Bi square nets. Dalton Transactions, 2020, 49, 3321-3325.	1.6	11
25	Characterisation of the temperature-dependent M1 to R phase transition in W-doped VO2 nanorod aggregates by Rietveld refinement and theoretical modelling. Physical Chemistry Chemical Physics, 2020, 22, 7984-7994.	1.3	9
26	Control of crystal structure and performance evaluation of multi-piezo material of Li_{1â^'}<i>_x</i>Na<i>_x</i>NbO<sub>3< Journal of the Ceramic Society of Japan, 2020, 128, 518-522.	0.4	4
27	Multiorbital antiferromagnetic metal induced by intramolecular self-doping. Physical Review Research, 2020, 2, .	1.3	2
28	Aspherical and covalent bonding character of d electrons of molybdenum from synchrotron x-ray diffraction. Journal of Physics Communications, 2019, 3, 095009.	0.5	1
29	Atomic-scale phonon scatterers in thermoelectric colusites with a tetrahedral framework structure. Journal of Materials Chemistry A, 2019, 7, 228-235.	5.2	41
30	Low-Temperature Structural Phase Transitions in Thermoelectric Tetrahedrite, Cu₁₂Sb₄S₁₃, and Tennantite, Cu₁₂As₄S₁₃. Crystal Growth and Design, 2019, 19, 3979-3988.	1.4	8
31	Bpytrisalen/Bpytrisaloph: A Triangular Platform That Spatially Arranges Different Multiple Labile Coordination Sites. Inorganic Chemistry, 2019, 58, 7863-7872.	1.9	20
32	Porous Molecular Conductor: Electrochemical Fabrication of Through-Space Conduction Pathways among Linear Coordination Polymers. Journal of the American Chemical Society, 2019, 141, 6802-6806.	6.6	94
33	Dynamic Ag⁺-intercalation with AgSnSe₂ nano-precipitates in Cl-doped polycrystalline SnSe₂ toward ultra-high thermoelectric performance. Journal of Materials Chemistry A, 2019, 7, 9761-9772.	5.2	50
34	Single-component molecular conductor [Pt(dmdt)₂]â€"a three-dimensional ambient-pressure molecular Dirac electron system. Chemical Communications, 2019, 55, 3327-3330.	2.2	31
35	Extraordinary thermoelectric performance in MgAgSb alloy with ultralow thermal conductivity. Nano Energy, 2019, 59, 311-320.	8.2	59
36	Effects of Substituents on the Blue Luminescence of Disilane-Linked Donorâ€'Acceptorâ€'Donor Triads. Molecules, 2019, 24, 521.	1.7	12

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37	Measurement of Electric Fields Experienced by Urea Guest Molecules in the 18-Crown-6/Urea (1:5) Hostâ€“Guest Complex: An Experimental Reference Point for Electric-Field-Assisted Catalysis. Journal of the American Chemical Society, 2019, 141, 3965-3976.	6.6	35
38	Pressure-Induced Collapse of the Guest Eu Off-Centering in Type-I Clathrate Eu₈Ga₁₆Ge₃₀. Journal of the Physical Society of Japan, 2019, 88, 114601.	0.7	2
39	Hydrothermal reactor for in-situ synchrotron radiation powder diffraction at SPring-8 BL02B2 for quantitative design for nanoparticle. Journal of Supercritical Fluids, 2019, 147, 172-178.	1.6	7
40	Hemozoin produced by mammals confers heme tolerance. ELife, 2019, 8, .	2.8	38
41	Accurate Charge Density Study of Aluminum from Synchrotron X-ray Powder Diffraction. Nihon Kessho Gakkaishi, 2019, 61, 123-129.	0.0	0
42	A fluorescent microporous crystalline dendrimer discriminates vapour molecules. Chemical Communications, 2018, 54, 2534-2537.	2.2	19
43	Retreat from Stress: Rattling in a Planar Coordination. Advanced Materials, 2018, 30, e1706230.	11.1	57
44	X-ray electron density investigation of chemical bonding in van der Waals materials. Nature Materials, 2018, 17, 249-252.	13.3	93
45	Aggregation-Induced Emission Enhancement from Disilane-Bridged Donorâ€“Acceptorâ€“Donor Luminogens Based on the Triarylamine Functionality. ACS Applied Materials & Interfaces, 2018, 10, 12164-12172.	4.0	45
46	Structure factors and charge-density study of diamond at 800â€…K. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2018, 74, 651-659.	0.5	2
47	Structural Modulations in the Intermediate Phase of Antiferroelectric PbHfO₃. Journal of the Physical Society of Japan, 2018, 87, 124603.	0.7	12
48	Tightly binding valence electron in aluminum observed through X-ray charge density study. Scientific Reports, 2018, 8, 11964.	1.6	7
49	Synchrotron X-ray Powder Diffraction Studies of Accurate Structure-Factors Measurement and Ab Initio Structure Determination. Nihon Kessho Gakkaishi, 2018, 60, 88-95.	0.0	0
50	A simple zinc(<scp>ii</scp>) complex that features multi-functional luminochromism induced by reversible ligand dissociation. Chemical Communications, 2017, 53, 3657-3660.	2.2	23
51	Spatial distribution of electrons near the Fermi level in the metallic LaB6 through accurate X-ray charge density study. Scientific Reports, 2017, 7, 41375.	1.6	13
52	Î²-IminoBODIPY oligomers: facilely accessible Ï€-conjugated luminescent BODIPY arrays. Chemical Communications, 2017, 53, 7509-7512.	2.2	13
53	Predicting the Position of the Hydrogen Atom in the Short Intramolecular Hydrogen Bond of the Hydrogen Maleate Anion from Geometric Correlations. Crystal Growth and Design, 2017, 17, 3812-3825.	1.4	18
54	Solvent-Controlled Doublet Emission of an Organometallic Gold(I) Complex with a Polychlorinated Diphenyl(4-pyridyl)methyl Radical Ligand: Dual Fluorescence and Enhanced Emission Efficiency. Inorganic Chemistry, 2017, 56, 3909-3915.	1.9	20

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55	Formation and Characterization of Hydrogen Boride Sheets Derived from MgB₂ by Cation Exchange. Journal of the American Chemical Society, 2017, 139, 13761-13769.	6.6	157
56	High-throughput powder diffraction measurement system consisting of multiple MYTHEN detectors at beamline BL02B2 of SPring-8. Review of Scientific Instruments, 2017, 88, 085111.	0.6	253
57	Molecular recognition by multiple metal coordination inside wavy-stacked macrocycles. Nature Communications, 2017, 8, 129.	5.8	40
58	Successive Dimensional Transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mi>TMTTF</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617 Td (stretchy="false">)</m by Synchrotron X-ray Diffraction. Physical Review Letters, 2017, 119, 065701.	8.6	29
59	Mechano-, thermo-, solvato-, and vapochromism in bis(acetato-Î¼¹O)[4â€²-(4-(diphenylamino)phenyl)](2,2â€²:6â€²,2â€²â€²-terpyridine-Î¼³N,N,Nâ€²,Nâ€²â€²)zinc and its polymer. Chemical Communications, 2017, 53, 9805-9808.	6.1	21
60	Accurate structures of diamond under high pressure and temperature. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C1105-C1105.	0.0	1
61	Ultra-high reciprocal resolution X-ray diffraction of Al and Cu. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C1247-C1247.	0.0	0
62	High-resolution charge density of metal hexaborides. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C1389-C1389.	0.0	0
63	An approach to identify the atomic arrangement in nanometre-range size. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C558-C558.	0.0	0
64	Charge-density study of van der Waals layered MoS₂ and TiS₂. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C1390-C1390.	0.0	0
65	Direct Observation on Spin-Coating Process of PS-b-P2VP Thin Films. Macromolecules, 2016, 49, 3471-3477.	2.2	25
66	A Single-component Molecular Conductor with Metalâ€“Metal Bonding, [Pd(hfdt)₂] (hfdt:) Tj ETQq0 0 0 rgBT /Overlock 10	0.7	8
67	Antiferromagnetic Ordering in the Single-Component Molecular Conductor [Pd(tmdt)₂]. Inorganic Chemistry, 2016, 55, 7709-7716.	1.9	13
68	Bright Solidâ€State Emission of Disilaneâ€Bridged Donorâ€“Acceptorâ€“Donor and Acceptorâ€“Donorâ€“Acceptor Chromophores. Angewandte Chemie - International Edition, 2016, 55, 3022-3026.	7.2	51
69	Bright Solidâ€State Emission of Disilaneâ€Bridged Donorâ€“Acceptorâ€“Donor and Acceptorâ€“Donorâ€“Acceptor Chromophores. Angewandte Chemie, 2016, 128, 3074-3078.	1.6	8
70	Bis(dipyrrinato)zinc(II) Complexes: Emission in the Solid State. Inorganic Chemistry, 2016, 55, 5732-5734.	1.9	40
71	Metalâ€“Semiconductor Transition Concomitant with a Structural Transformation in Tetrahedrite Cu₁₂Sb₄S₁₃. Journal of the Physical Society of Japan, 2016, 85, 014703.	0.7	30
72	Multiple powder diffraction data for an accurate charge density study using synchrotron radiation x-ray. Physica Scripta, 2016, 91, 043009.	1.2	8

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73	Fluorescence and phosphorescence of a series of silicon-containing six-membered-ring molecules. Journal of Organometallic Chemistry, 2016, 805, 27-33.	0.8	8
74	Hydrogen maleate salts: precise and accurate determination of the hydrogen atom position in short hydrogen bonds using X-ray diffraction at extremely low temperatures. Acta Crystallographica Section A: Foundations and Advances, 2016, 72, s89-s89.	0.0	0
75	Electron density of a layered transition metal dichalcogenide. Acta Crystallographica Section A: Foundations and Advances, 2016, 72, s85-s85.	0.0	0
76	Bonding Nature of LiCoO₂ by Topological Analysis of Electron Density from X-ray Diffraction. Electrochemistry, 2015, 83, 840-842.	0.6	9
77	Structural Basis for Polymer Packing and Solvation Properties of the Organogermanium Crystalline Polymer Propagermanium and Its Derivatives. Journal of Pharmaceutical Sciences, 2015, 104, 2482-2488.	1.6	14
78	Element-selective visualization for materials science using synchrotron X-ray two-wavelength anomalous powder diffraction data. Transactions of the Materials Research Society of Japan, 2015, 40, 165-168.	0.2	2
79	Coordination nano-space as stage of hydrogen orthoâ€“para conversion. Royal Society Open Science, 2015, 2, 150006.	1.1	30
80	Revisit: High resolution charge density study of Î±-rhombohedral boron using third-generation SR data at SPring-8. Solid State Sciences, 2015, 47, 27-31.	1.5	11
81	Optical Properties of Disilane-Bridged Donorâ€“Acceptor Architectures: Strong Effect of Substituents on Fluorescence and Nonlinear Optical Properties. Journal of the American Chemical Society, 2015, 137, 1024-1027.	6.6	77
82	Absence of Jahnâ^'Teller transition in the hexagonal Ba ₃ CuSb ₂ O ₉ single crystal. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9305-9309.	3.3	30
83	One-step hydrothermal synthesis of V_{1â^'x}W_xO₂(M/R) nanorods with superior doping efficiency and thermochromic properties. Journal of Materials Chemistry A, 2015, 3, 3726-3738.	5.2	61
84	Morphotropic Phase Boundary in the Pbâ€Free (1 â^') Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 312 Td (x)BiTi_{3/8}Fe<sub>System: Tetragonal Polarization and Enhanced Electromechanical Properties. Advanced Materials, 2015, 27, 2883-2889.	11.1	31
85	Bis(dipyrrinato)metal(<scp>ii</scp>) coordination polymers: crystallization, exfoliation into single wires, and electric conversion ability. Chemical Science, 2015, 6, 2853-2858.	3.7	59
86	Hirshfeld atom refinement for modelling strong hydrogen bonds. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, 483-498.	0.0	59
87	Observation and Characterization of Fragile Organometallic Molecules Encapsulated in Single-Wall Carbon Nanotubes. Journal of Nanomaterials, 2014, 2014, 1-5.	1.5	1
88	Structure of Tm2 and Tm2C2 encapsulated in low-symmetry C82(Cs(6)) fullerene cage by single crystal X-ray diffraction. Chemical Physics Letters, 2014, 600, 38-42.	1.2	20
89	Smart Crystallography in Materials Science at SPring-8: In the case of Endohedral Metallofullerene. , 2014, , .		0
90	A study of magnetic moments of CeRh₃B₂by X-ray magnetic diffraction experiments. Journal of Physics: Conference Series, 2014, 502, 012018.	0.3	3

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91	Nanoporous Structural Science Developed by the MEM/Rietveld Method. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C1467-C1467.	0.0	0
92	Crystal structure of (Z)-1-(ferrocenylethynyl)-10-(phenylimino)anthracen-9(10H)-one from synchrotron X-ray powder diffraction. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, 573-576.	0.2	0
93	Room-temperature proton transport and its effect on thermopower in a solid ionic semiconductor, TTFCOONH4. Journal of Materials Chemistry A, 2013, 1, 5089.	5.2	5
94	A Structural Diagnostics Diagram for Metallofullerenes Encapsulating Metal Carbides and Nitrides. Journal of the American Chemical Society, 2013, 135, 918-923.	6.6	17
95	Comparative study of X-ray charge-density data on CoSb₃. Acta Crystallographica Section A: Foundations and Advances, 2013, 69, 570-582.	0.3	36
96	Structure of Tm@C₈₂(I) Metallofullerene by Single-Crystal X-ray Diffraction Using the 1:2 Co-Crystal with Octaethylporphyrin Nickel (Ni(OEP)). Journal of Physical Chemistry C, 2013, 117, 6437-6442.	1.5	17
97	Quantum fluctuations in spin-ice-like Pr2Zr2O7. Nature Communications, 2013, 4, 1934.	5.8	153
98	High-performance thermoelectric mineral Cu12â^'xNixSb4S13 tetrahedrite. Journal of Applied Physics, 2013, 113, .	1.1	262
99	Perfectly Ordered Two-Dimensional Layer Structures Found in Some Endohedral Metallofullerenes. Crystal Growth and Design, 2013, 13, 3632-3636.	1.4	4
100	Element-selective charge density visualization of endohedral metallofullerenes using synchrotron X-ray multi-wavelength anomalous powder diffraction data. Journal of Applied Crystallography, 2013, 46, 649-655.	1.9	4
101	1,4-Bis[2-(4-ferrocenylphenyl)ethynyl]anthraquinone from synchrotron X-ray powder diffraction. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 696-703.	0.4	1
102	Utilization of Synchrotron Radiation Powder X-ray Diffraction in Materials Science. Nihon Kessho Gakkaishi, 2013, 55, 95-102.	0.0	0
103	Single-component Layered Molecular Conductor, [Au(ptdt)2]. Chemistry Letters, 2012, 41, 154-156.	0.7	30
104	Solid-State Ligand-Driven Light-Induced Spin Change at Ambient Temperatures in Bis(dipyrazolylstyrylpyridine)iron(II) Complexes. Inorganic Chemistry, 2012, 51, 5188-5198.	1.9	106
105	A novel phosphor for glareless white light-emitting diodes. Nature Communications, 2012, 3, 1132.	5.8	306
106	Molecular Ionics in Supramolecular Assemblies with Channel Structures Containing Lithium Ions. Chemistry - A European Journal, 2012, 18, 15305-15309.	1.7	22
107	Crystal structures in spinel vanadates<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

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109	Spin-Orbital Short-Range Order on a Honeycomb-Based Lattice. Science, 2012, 336, 559-563.	6.0	116
110	Study of Î±â€‰â†”â€‰Î² transformation in the dimorphic clathrate Ba8Ga16Sn30. Philosophical Magazine, 2012, 92, 2541-2552.	0.7	16
111	Application of Atomic Hirshfeld Surface Analysis to Intermetallic Systems: Is Mn in Cubic CeMnNi₄ a Thermoelectric Rattler atom?. Inorganic Chemistry, 2012, 51, 1916-1924.	1.9	16
112	Rockâ€Saltâ€Type Crystal of Thermally Contracted C₆₀ with Encapsulated Lithium Cation. Angewandte Chemie - International Edition, 2012, 51, 3377-3381.	7.2	77
113	Ironâ€“platinumâ€“arsenide superconductors Ca10(PtnAs8)(Fe2â^'xPtxAs2)5. Solid State Communications, 2012, 152, 635-639.	0.9	29
114	Visualizing the local optical response to extreme-ultraviolet radiation with a resolution of Î»/380. Nature Physics, 2011, 7, 705-708.	6.5	54
115	High-Resolution Synchrotron Studies and Magnetic Properties of Frustrated Antiferromagnets MAl₂S₄ (M = Mn²⁺, Fe²⁺, Co²⁺). Chemistry of Materials, 2011, 23, 3086-3094.	3.2	13
116	Growth of Nanocrystals in a Single Crystal of Different Materials: A Way of Giving Function to Molecular Crystals. Crystal Growth and Design, 2011, 11, 501-506.	1.4	8
117	Multi-temperature Synchrotron Powder X-ray Diffraction Study and Hirshfeld Surface Analysis of Chemical Bonding in the Thermoelectric Zintl Phase Yb₁₄MnSb₁₁. Chemistry of Materials, 2011, 23, 3723-3730.	3.2	29
118	Multitemperature crystal structures and physical properties of the partially filled thermoelectric skutterudites<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>M</mml:mi><mml:mrow><mml:mn>0.1</mml:mn></mml:mrow></mml:msub><m mathvariant="normal">Co</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi		

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127	Resistivity measurements on TMTTeN and [Ni(ptdt)2] above 20GPa and electrical and structural studies on [Au(tmdt)2]. Physica B: Condensed Matter, 2010, 405, S303-S307.	1.3	1
128	Superconducting properties of noncentrosymmetric CaIrSi3. Physica C: Superconductivity and Its Applications, 2010, 470, S762-S763.	0.6	11
129	Experimental charge density study of (DBr-DCNQI)2Cu for metallic phase by synchrotron X-ray diffraction. Physica B: Condensed Matter, 2010, 405, S321-S323.	1.3	0
130	Multipole electron-density modelling of synchrotron powder diffraction data: the case of diamond. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, 458-469.	0.3	37
131	A layered ionic crystal of polar Li@C60 superatoms. Nature Chemistry, 2010, 2, 678-683.	6.6	275
132	Multitemperature synchrotron powder diffraction and thermoelectric properties of the skutterudite La0.1Co4Sb12. Journal of Applied Physics, 2010, 107, .	1.1	20
133	Single-Component Molecular Conductor [Cu(tmdt)₂] Containing an Antiferromagnetic Heisenberg Chain. Inorganic Chemistry, 2010, 49, 6740-6747.	1.9	38
134	Multi-temperature synchrotron PXRD and physical properties study of half-Heusler TiCoSb. Dalton Transactions, 2010, 39, 10154.	1.6	33
135	In situ observation of eutectoid reaction forming a PbTeâ€“Sb2Te3 thermoelectric nanocomposite by synchrotron X-ray diffraction. Scripta Materialia, 2009, 60, 321-324.	2.6	26
136	Singleâ€€Component Molecular Conductor [Pt(tmdt)2] (tmdtâ€‰=â€‰trimethylenetetrathiafulvalenedithiolate) â€“ An Advanced Molecular Metal Exhibiting High Metallicity. Advanced Materials, 2009, 21, 3596-3600.	11.1	31
137	Structures and Physical Properties of Highly Conducting Singleâ€€Component Molecular Conductors Containing Se Atoms. European Journal of Inorganic Chemistry, 2009, 2009, 1585-1591.	1.0	8
138	Structural Anomalies Associated with Antiferromagnetic Transition of Single-Component Molecular Metal [Au(tmdt)₂]. Inorganic Chemistry, 2009, 48, 10151-10157.	1.9	14
139	Counterion-Dependent Valence Tautomerization of Ferrocenyl-Conjugated Pyrylium Salts. Journal of the American Chemical Society, 2009, 131, 12112-12124.	6.6	33
140	High-Pressure (up to 10.7 GPa) Crystal Structure of Single-Component Molecular Metal [Au(tmdt)2]. Journal of the American Chemical Society, 2009, 131, 7169-7174.	6.6	29
141	Application of maximum-entropy maps in the accurate refinement of a putative acylphosphatase using 1.3â€…Ã… X-ray diffraction data. Acta Crystallographica Section D: Biological Crystallography, 2008, 64, 237-247.	2.5	9
142	Ab initiostructure determination of a pharmaceutical compound, prednisolone succinate, from synchrotron powder data by combination of a genetic algorithm and the maximum entropy method. Journal of Applied Crystallography, 2008, 41, 292-301.	1.9	19
143	Conducting Dimerized Cobalt Complexes with Tetrathiafulvalene Dithiolate Ligands. Inorganic Chemistry, 2008, 47, 863-874.	1.9	16
144	Charge density distribution ofKMnF3under high pressure. Physical Review B, 2008, 78, .	1.1	7

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145	High-pressure and low-temperature charge-density study of Pr1â^'xCaxCoO3by SR powder diffraction. Acta Crystallographica Section A: Foundations and Advances, 2008, 64, C609-C609.	0.3	2
146	3D spin density and orbital ordering of YTiO3observed by X-ray magnetic diffraction experiment. Acta Crystallographica Section A: Foundations and Advances, 2008, 64, C572-C572.	0.3	1
147	Advanced strategy forab initiostructure determination of pharmaceutical compounds by powder data. Acta Crystallographica Section A: Foundations and Advances, 2008, 64, C208-C208.	0.3	0
148	Thermal motion of atoms in cubic structure of perovskites and ferroelectric phase transitions. Acta Crystallographica Section A: Foundations and Advances, 2008, 64, C145-C145.	0.3	0
149	A 281 Tflops calculation for X-ray protein structure analysis with special-purpose computers MDGRAPE-3. , 2007, , .		8
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